

# **VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM**

Software Release 7.5

Tables Release 1.82

PrISMS Contract

12/15/99



National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Huntsville, AL 35812

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FOR THE  
NASA PERSONNEL/PAYROLL SYSTEM  
SOFTWARE RELEASE 7.5  
TABLES RELEASE 1.82**

Prepared by

	12/15/99
Desiree Gaiser	Date
Technical Lead	

	12/15/99
Philip Moore	Date
Functional Lead	

Reviewed by

	12/15/99
Jim Joyner	Date
Agencywide IRM, HR	

	12/15/99
Jim Cofer	Date
Configuration Management	

	12/15/99
Hector Garcia	Date
Agencywide IRM	

	12/15/99
Richard Bishop	Date
DBA	

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, ALABAMA

December 1999

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Approved by

	12/15/99
_____ Sheila Fogle Consolidation Center Project Manager	Date

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
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HUNTSVILLE, AL

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## **1. INTRODUCTION**

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

### **1.1 IDENTIFICATION OF THE RELEASE**

System Name – NPPS

Release Number – Software Release 7.5

Tables Release 1.82

Release Effective Date – December 15, 1999

Release Implementation Date - December 20, 1999

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been installed.

### **1.2 PURPOSE OF THE RELEASE**

The purpose of this release is to implement the NPPS software allocated for this release and to implement the table changes allocated to Tables Release 1.82. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

### **1.3 SCOPE OF THE RELEASE**

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release 7.5, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

This release provides the functional and technical user of NPPS with information regarding changes to the content and status of the NPPS Tables Release 1.82, including the following:

- Changes to core tables
- Detailed table install procedures
- Validation procedures to ensure the reliability of the table changes

#### **1.4 CONTACT POINTS**

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-6673

E-Mail: [james.joyner@msfc.nasa.gov](mailto:james.joyner@msfc.nasa.gov)

FAX: (256) 544-1836

## **2. FUNCTIONAL INFORMATION**

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

### **2.1 FUNCTIONAL CHANGES**

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all PREDICT changes related to this release.

### **2.2 FUNCTIONAL INTERFACES**

Not Applicable

### **2.3 CRITICAL ISSUES**

Not Applicable

### **2.4 AFFECTED DOCUMENTS**

The following document is affected by this release:

NPPS System/Software Requirements Specification (SRS)

The modified pages of this document will be distributed under separate cover.

### **2.5 APPLICATION SYSTEM ADMINISTRATION**

Not Applicable



### **3. TECHNICAL INFORMATION**

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

#### **3.1 TECHNICAL SYSTEM INTERFACES**

Not Applicable

#### **3.2 DATA DICTIONARY CHANGES**

Not Applicable

#### **3.3 SOFTWARE OBJECT CHANGES**

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

#### **3.4 DATABASE ADMINISTRATION**

The specific database administration activities for NPPS 7.5 are detailed in Appendix D, Installation Instructions.

##### **3.4.1 Release Dataset Names**

The datasets for Software Release 7.5 are included in the Introduction of Appendix D, Installation Instructions.

##### **3.4.2 Inventory of Objects**

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

##### **3.4.3 Storage Considerations**

Not Applicable

##### **3.4.4 Installation Procedures**

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

### **3. 5    OPERATIONAL PREPARATION**

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

## **APPENDIX A**

### **ABBREVIATIONS AND ACRONYMS**

## **ABBREVIATIONS AND ACRONYMS**

ADP	Automated Data Processing
CCR	Change Control Request
CPO	Consolidated Payroll Office
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HR	Human Resources
ICD	Interface Control Document
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NOAC	Nature Of Action Code
NPPS	NASA Personnel/Payroll System
OPM	Office of Personnel Management
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
VDD	Version Description Document

## **APPENDIX B**

### **GLOSSARY**

## **GLOSSARY**

### **Consolidation Center**

Responsibility for processing and balancing payroll for all centers in the consolidated database.

### **Database Administration**

Responsibility for maintaining the physical database environment.

### **Implementation**

The process by which a NASA site installs a software release and places it into operational use.

### **Operational Preparation**

Preparation by a NASA site for installation and use of an application release.

### **System Administration**

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

**APPENDIX C**  
**FUNCTIONAL CHANGE VALIDATION**  
**PROCEDURES**

## VALIDATION PROCEDURES SOFTWARE RELEASE 7.5 PERSONNEL & PAYROLL

### 1. 99000056

- A. **Purpose:** To provide W-2 Data and W-2's for employees with NO GROSS TAXABLE WAGES
- B. **Test Procedure:** Run Report 418 separately for each of the following employees
  - Case 1) SSN 222-22-3393---Taxable Gross, but no FICA or HIT taxable wages
  - Case 2) SSN 100-00-1248---Taxable Gross and Taxable FICA, NO HIT taxable
  - Case 3) SSN 110-99-1248---Taxable Gross , FICA and HIT
  - Case 4) SSN 222-22-2291---Taxable Gross and HIT, but NO FICA taxable
  - Case 5) SSN 100-60-1265---NO TAXABLE GROSS, but taxable FICA and HIT
- C. **Validation:** Verify each report 418 has earnings as referred to in the test cases 1 through 5.

### 2. 99000062

- A. **Purpose:** To modify the length of specified fields for "Selected Centers Totals" (Agency Totals) in Report 818, Fund Source Report, to accommodate amounts up to \$9,999,999,999.99.
- B. **Test Procedure:**
  - 1) Set Control Screens (CTLPER and CTLPAY) and System Date to simulate a "Fiscal Year End".
  - 2) Schedule and run the Fund Source Report (CA00818) for all ten (10) installations.
- C. **Validation:** Verify the Fund Source Report runs to completion accurately and without error.

### 3. 99000109

- A. **Purpose:** To change California State tax for Year 2000.
- B. **Test Procedure:**
  - 1) Check TTAX and Run Job 9 for normals to be recalculated. Select the following employees with different marital statuses.
    - SSN 001-11-1111 MS=S
    - SSN 130-07-9890 MS= M
    - SSN 100-98-9229 MS= M 2 exemp



SSN 001-46-2920 MS=H  
SSN 100-03-1253 MS=H 1 exemp  
SSN 130-18-2222 MS=M 1 exemp, 2 add  
SSN 100-41-4123 MS=S 1 exemp, 3 add  
SSN 150-16-6777 MS=S 1 exemp

- 2) Check QNORM, go to TAEDIT and give a good time for each employee

- C. **Validation:** Verify from QREG for each SSN, employee paid and correct amount of tax withheld.

#### 4. 99000113

- A. **Purpose:** To ensure employees with no extended compensatory time will not have a date show under U/L (use or lose) on leave and earnings statement.
- B. **Test:** Select an employee who DOES NOT have extended comp time. Give employee a good T&A. Go to QREG and see that employee was paid.
- C. **Validation:** Go to BJSMM and submit NA00055, job to generate Dataset for leave & earnings. When Job NA00055 finishes, submit NA00557, which is reprint of L&E. Select employee selected in B., verify that there is not a date showing on L&E under U/L for MASEXTCT.

#### 5. 99000114

- A. **Purpose:** To correct Employee Express processing for Allotments.
- B. **Test Procedure:**
  - 1) Select test employee with two Allotments.
  - 2) Input EE transactions to process changes to each Allotment.
  - 3) Schedule and run EE Daily Submission.
  - 4) Print report EEB001 using appropriate local procedure.
- C. **Validation:** Verify report EEB001 does not reflect the error message, "Invalid Allotment Index" for the test transaction.

## VALIDATION PROCEDURES

### TABLES RELEASE 1.82

This release requires no functional change. The tables affected by this release are listed below, along with the applicable validation procedure.

1. **99000094** – *RAPPENDG*

- A. **Purpose:** To add the combination of NCC 68101 and OCC Code 1101 for OPM Edit Code NSD.
- B. **Validation:** Access the *RAPPENDG* table, then verify the combination of 'NCC' 68101 and 'OCC CODE' 1101 is present for 'OPM EDIT CODE' NSD.

2. **99000095** – *TAGENCY*

- A. **Purpose:** To delete agency codes AG92, AG94, AG96, AG98, and JL03.
- B. **Validation:** Access the *TAGENCY* table, then verify 'AGENCY CODE' values AG92, AG94, AG96, AG98 and JL03 are not found.

3. **99000099** – *THOLIDAY*

- A. **Purpose:** To change entries for the year 2000.
- B. **Validation:** Access the *THOLIDAY* table, then verify the presence of 'PAY PERIODS FOR YEAR' 2000, having these entries:
  - 1: H
  - 3: M
  - 5: H
  - 12: H
  - 15: H
  - 19: H
  - 22: M
  - 24: H
  - 25: H
  - All others are blank.

4. **99000106** – *TRETIR*

- A. **Purpose:** To change all screens to show 10500.00 in the year maximum deduction field.
- B. **Validation:** Access the *TRETIR* table, then verify that each screen (screens with 'RET FICA CODE' values C, E, K, M, N, R, T, 1, 2, 4, 6) has a 'YEAR MAX DED' value of 10500.00.

5. **99000108 – TTAX**

A. **Purpose:** To change the single and married entries for Colorado state tax.

B. **Validation:** Access the *TTAX* table, then verify these entries for 'TAX CODE' CO:

- 'MARITAL STATUS': S
  - 'EX AMT': 106.00
  - 'GROSS PAY OR FED WH': 60.00
  - 'PERCENT': 4.750
- 'MARITAL STATUS': M
  - 'EX AMT': 106.00
  - 'GROSS PAY OR FED WH': 171.00
  - 'PERCENT': 4.750

6. **99000112 – TNCC, RAPPENDG, TOCCODE, RAPPENDI**

A. **Purpose:** To accommodate new NASA classification code, 683-01, Trade Specialist, GS-1140.

B. **Validation:**

- Access the *TNCC* table, then verify the presence of 'NCC CODE' 68301 with 'NCC' TRADE SPECIALIST.
- Access the *RAPPENDG* table, then verify the combination of 'NCC' 68301 and 'OCC CODE' 1140 is present for 'OPM EDIT CODE' NSD.
- Access the *TOCCODE* table, then verify the presence of 'OCCODE' 1140 with 'PATCO' A.
- Access the *RAPPENDI* table, then verify the presence of 'OCCUPATIONAL CODE' 1140, with 'IND' blank, for 'OPM EDIT CODE' CFB, CFC, GRL.

7. **99000115 – TDTYSTN**

A. **Purpose:** To add a duty station for Newburg-Warrick-Indiana.

B. **Validation:** Access the *TDTYSTN* table, then verify the presence of 'DUTY STATION' 183430173 with the 'NAME' Newburg-Warrick-Indiana.

8. **99000116 – TFEHB**

A. **Purpose:** To delete health codes QT1 and QT2.

B. **Validation:** Access the *TFEHB* table, then verify 'HEALTH CODE' values QT1 and QT2 are not found.

9. **99000117** – *TAUTH, RAPPENDR*

A. **Purpose:** To add legal authority code R6M.

B. **Validation:**

- Access the *TAUTH* table, then verify the presence of 'AUTHORITY CODE' R6M with a 'DESCRIPTION LINE 2' value of 'REG. 715.202 PROB'.
- Access the *RAPPENDR* table, then verify the presence of:
  - Combination of 'NOAC' 312 and 'AUTH' R6M for 'OPM EDIT CODE' LTB, LOE.
  - Combination of 'NOAC' 317 and 'AUTH' R6M for 'OPM EDIT CODE' LTB, LOE.

10. **99000118** – *TMILINT*

A. **Purpose:** To add a year 2000 interest rate line entry.

B. **Validation:** Access the *TMILINT* table, then verify the presence of 'YEAR' 2000 and 'INTEREST RATE' 0.05875.

11. **99000119** – *TAGENCY*

A. **Purpose:** To change the agency descriptions.

B. **Validation:** Access the *TAGENCY* table, then verify these 'AGENCY CODE' values have the correct 'AGENCY' description:

- HU01: HUD, OFC SENIOR COMTY NEW ENGLAND
- HU02: HUD, OFC SENIOR COMTY NY/NEW JERSEY
- HU03: HUD, OFC SENIOR COMTY MID ATLANTIC
- HU04: HUD, OFC SENIOR COMTY SE CARIBBEAN
- HU05: HUD, OFC SENIOR COMTY MIDWEST
- HU06: HUD, OFC SENIOR COMTY SOUTHWEST
- HU07: HUD, OFC SENIOR COMTY/GREAT PLAINS
- HU08: HUD, OFC SENIOR COMTY ROCKY MTNS
- HU09: HUD, OFC SENIOR COMTY PACIFIC/HAWAII
- HU10: HUD, OFC SENIOR COMTY NW ALASKA
- GS26: OFFICE OF GOVERNMENTWIDE POLICY
- IB00: BROADCASTING BOARD OF GOVERNORS
- DD17: TRICARE SUPPORT OFFICE
- JL01: SUPREME COURT OF THE UNITED STATES

12. **99000120** – *TCOMENT*

A. **Purpose:** To delete comment codes.

B. **Validation:** Access the *TCOMENT* table, then verify 'COMMENTS CODES' values B48, B49, B50, M32, S23, S24 are not found.

13. **99000121** – *TRETIR*

A. **Purpose:** To change the FICA maximum salary and maximum deduction amounts.

B. **Validation:** Access the *TRETIR* table, then verify 'FICA MAX DEDUCTION', 'FICA MAX SALARY', and 'YEAR MAX DED' values for these 'RET FICA CODE' entries:

- 'RET FICA CODE': C
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': E
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': K
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': M
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': N
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': R
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': T
  - 'FICA MAX DEDUCTION': 4724.40
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': 1
  - 'FICA MAX DEDUCTION': blank
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': 2

- 'FICA MAX DEDUCTION': 4724.40
- 'FICA MAX SALARY': 76200.00
- 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': 4
  - 'FICA MAX DEDUCTION': blank
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00
- 'RET FICA CODE': 6
  - 'FICA MAX DEDUCTION': blank
  - 'FICA MAX SALARY': 76200.00
  - 'YEAR MAX DED': 10500.00

#### 14. **99000122** – *TEIC*

A. **Purpose:** To change dollar amount and rate entries.

B. **Validation:** Access the *TEIC* table, then verify these entries:

- 'EIC LIMIT': 1412.00
- 'CODE 1':
  - 'EARNINGS':
    - Line 1: blank
    - Line 2: 266.00
    - Line 3: 488.00
  - 'RATE':
    - Line 1: 20.400
    - Line 2: blank
    - Line 3: 9.588
  - 'ADDEND':
    - Line 1: blank
    - Line 2: 54.00
    - Line 3: 54.00
- 'CODE 2':
  - 'EARNINGS':
    - Line 1: blank
    - Line 2: 133.00
    - Line 3: 244.00
  - 'RATE':

- Line 1: 20.400
- Line 2: blank
- Line 3: 9.588
- 'ADDEND':
  - Line 1: blank
  - Line 2: 27.00
  - Line 3: 27.00

15. **99000123** – *TTAX*

- A. **Purpose:** To change withholding allowance, gross pay or federal withholding, and amount entries.
- B. **Validation:** Access the *TTAX* table for 'TAX CODE' 99, then verify these entries:

- 'MARITAL STATUS': S
  - 'EX AMT': 107.69
  - Left column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 102.00
      - Line 2: 2304.00
      - Line 3: 11152.00
    - 'PERCENT':
      - Line 1: 15.000
      - Line 2: 31.000
      - Line 3: 39.600
    - 'AMOUNT'
      - Line 1: blank
      - Line 2: 490.59
      - Line 3: 3532.97
  - Right column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 1071.00
      - Line 2: 5162.00
    - 'PERCENT':
      - Line 1: 28.000

- Line 2: 36.000
- 'AMOUNT':
  - Line 1: 145.35
  - Line 2: 1376.57
- 'MARITAL STATUS': M
  - 'EX AMT': 107.69
  - Left column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 248.00
      - Line 2: 3885.00
      - Line 3: 11265.00
    - 'PERCENT':
      - Line 1: 15.000
      - Line 2: 31.000
      - Line 3: 39.600
    - 'AMOUNT'
      - Line 1: blank
      - Line 2: 808.54
      - Line 3: 3340.34
  - Right column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 1862.00
      - Line 2: 6385.00
    - 'PERCENT':
      - Line 1: 28.000
      - Line 2: 36.000
    - 'AMOUNT':
      - Line 1: 242.10
      - Line 2: 1583.54

16. **99000125** – *TCOMENT*

- A. **Purpose:** To add comment code B69.
- B. **Validation:** Access the *TCOMENT* table, then verify 'COMMENTS CODE' B69 is present with 'COMMENT TEXT':



- Line 1:
  - EMPLOYEE HAS ASSIGNED OWNERSHIP OF LIFE INSURANCE COVERAGE.
- Line 2:
  - ASSIGNMENT TERMINATES 31 DAYS AFTER SEPARATION DATE UNLESS EMPLOYEE IS
- Line 3:
  - ENTITLED TO CONTINUED COVERAGE BEFORE THAT DATE.

17. **99000126** – *TAGENCY*

- A. **Purpose:** To delete an agency code.
- B. **Validation:** Access the *TAGENCY* table, then verify that 'AGENCY CODE' DD18 is not found.

18. **99000127** – *TLOA*

- A. **Purpose:** To add a duty station for Cambridge-Middlesex-Massachusetts.
- B. **Validation:** Access the *TLOA* table, then verify that 'DUTY STATION' 25\$\$\$\$017 is present for 'PAY PLAN' GS, with 'LOA INDICATOR' 05, 'LOA PERCENT' 9.32, and 'REMARKS' CAMBRIDGE – MIDDLESEX – MASSACHUSETTS

19. **99000130** – *TTAX*

- A. **Purpose:** To change withholding allowance and gross pay or federal withholding entries for New Mexico.
- B. **Validation:** Access the *TTAX* table, then verify these entries for 'TAX CODE' NM:
  - 'MARITAL STATUS': S
    - 'EX AMT': 105.77
    - Left column:
      - 'GROSS PAY OR FED WH':
        - Line 1: 60.00
        - Line 2: 483.00
        - Line 3: 1060.00
        - Line 4: 2560.00
    - Right column:

- 'GROSS PAY OR FED WH':
    - Line 1: 271.00
    - Line 2: 675.00
    - Line 3: 1675.00
- 'MARITAL STATUS': M
  - 'EX AMT': 105.77
  - Left column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 171.00
      - Line 2: 787.00
      - Line 3: 1710.00
      - Line 4: 4017.00
  - Right column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 479.00
      - Line 2: 1094.00
      - Line 3: 2633.00

20. **99000109** – *TTAX*

- A. **Purpose:** To change gross pay or federal withholding and amount entries for California.
- B. **Validation:** Access the *TTAX* table, then verify these entries for 'TAX CODE' CA:
  - 'MARITAL STATUS': S
    - Left column:
      - 'GROSS PAY OR FED WH':
        - Line 1: blank
        - Line 2: 468.00
        - Line 3: 1024.00
      - 'AMOUNT':
        - Line 1: blank
        - Line 2: 7.38
        - Line 3: 35.34
    - Right column:

- 'GROSS PAY OR FED WH':
  - Line 1: 198.00
  - Line 2: 738.00
  - Line 3: 1296.00
- 'AMOUNT':
  - Line 1: 1.98
  - Line 2: 18.18
  - Line 3: 57.10
- 'MARITAL STATUS': M
  - Left column:
    - 'GROSS PAY OR FED WH':
      - Line 1: blank
      - Line 2: 936.00
      - Line 3: 2048.00
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 14.76
      - Line 3: 70.68
  - Right column:
    - 'GROSS PAY OR FED WH':
      - Line 1: 396.00
      - Line 2: 1476.00
      - Line 3: 2592.00
    - 'AMOUNT':
      - Line 1: 3.96
      - Line 2: 36.36
      - Line 3: 114.20
- 'MARITAL STATUS': H
  - Left column:
    - 'GROSS PAY OR FED WH':
      - Line 1: blank
      - Line 2: 936.00

- Line 3: 1492.00
- 'AMOUNT':
  - Line 1: blank
  - Line 2: 14.76
  - Line 3: 42.77
- Right column:
  - 'GROSS PAY OR FED WH'
    - Line 1: 395.00
    - Line 2: 1206.00
    - Line 3: 1763.00
  - 'AMOUNT':
    - Line 1: 3.95
    - Line 2: 25.58
    - Line 3: 64.40

21. **99000129** – *TTAX*

- A. **Purpose:** To change withholding allowance, spot awards tax percentage, percent, and amount entries for Maryland.
- B. **Validation:** Access the *TTAX* table, then verify these entries for 'TAX CODE' MD for both 'MARITAL STATUS' single and married:
- 'MARYLAND %': 20
    - 'EX AMT': 71.15
    - 'SPOT AWARDS TAX %': 6.10
  - Left column:
    - 'PERCENT':
      - Line 1: 3.250
      - Line 2: 5.250
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 2.86
  - Right column:
    - 'PERCENT':
      - Line 1: 4.250
      - Line 2: 6.100

- 'AMOUNT':
    - Line 1: 1.24
    - Line 2: 4.91
- 'MARYLAND %': 35
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 6.60
  - Left column:
    - 'PERCENT':
      - Line 1: 3.750
      - Line 2: 5.750
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 3.24
  - Right column:
    - 'PERCENT':
      - Line 1: 4.750
      - Line 2: 6.600
    - 'AMOUNT':
      - Line 1: 1.43
      - Line 2: 5.48
- 'MARYLAND %': 48
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.26
  - Left column:
    - 'PERCENT':
      - Line 1: 4.410
      - Line 2: 6.410
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 3.74
  - Right column:
    - 'PERCENT':

- Line 1: 5.410
  - Line 2: 7.260
- 'AMOUNT':
  - Line 1: 1.68
  - Line 2: 6.24
- 'MARYLAND %': 50
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.36
  - Left column:
    - 'PERCENT':
      - Line 1: 4.510
      - Line 2: 6.510
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 3.80
  - Right column:
    - 'PERCENT':
      - Line 1: 5.510
      - Line 2: 7.360
    - 'AMOUNT':
      - Line 1: 1.71
      - Line 2: 6.33
- 'MARYLAND %': 55
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.62
  - Left column:
    - 'PERCENT':
      - Line 1: 4.770
      - Line 2: 6.770
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 4.00

- Right column:
  - 'PERCENT':
    - Line 1: 5.770
    - Line 2: 7.620
  - 'AMOUNT':
    - Line 1: 1.81
    - Line 2: 6.64
- 'MARYLAND %': 56
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.67
  - Left column:
    - 'PERCENT':
      - Line 1: 4.820
      - Line 2: 6.820
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 4.04
  - Right column:
    - 'PERCENT':
      - Line 1: 5.820
      - Line 2: 7.670
    - 'AMOUNT':
      - Line 1: 1.83
      - Line 2: 6.70
- 'MARYLAND %': 58
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.76
  - Left column:
    - 'PERCENT':
      - Line 1: 4.910
      - Line 2: 6.910
    - 'AMOUNT':

- Line 1: blank
  - Line 2: 4.12
- Right column:
  - 'PERCENT':
    - Line 1: 5.910
    - Line 2: 7.760
  - 'AMOUNT':
    - Line 1: 1.87
    - Line 2: 6.81
- 'MARYLAND %': 60
  - 'EX AMT': 71.15
  - 'SPOT AWARDS TAX %': 7.86
  - Left column:
    - 'PERCENT':
      - Line 1: 5.010
      - Line 2: 7.010
    - 'AMOUNT':
      - Line 1: blank
      - Line 2: 4.18
  - Right column:
    - 'PERCENT':
      - Line 1: 6.010
      - Line 2: 7.860
    - 'AMOUNT':
      - Line 1: 1.90
      - Line 2: 6.91



**NASA PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 7.5  
TABLES RELEASE 1.82  
DECEMBER 1999**

The purpose of this release is to implement the changes allocated to software release 7.5 and the tables release 1.82 described below.

**SOFTWARE RELEASE 7.5**

RC 1620s IMPLEMENTED

99000056	Report 418 – Print FICA/HIT Only W- 2s
99000062	Report 818 – Agency Totals Truncating
99000109	California State Tax Change

**\*\*\*\*\* RECORD COUNT = 03**

DR 1620s IMPLEMENTED

99000113	L&E Erroneous EXTCT U/L Dates
99000114	EE Allotment Index Error

**\*\*\*\*\* RECORD COUNT = 02**

## **TABLES RELEASE 1.82**

### **RC 1620s IMPLEMENTED**

<b>Control #</b>	<b>Table</b>	<b>Required Action</b>
99000094	RAPPENDG	Add NCC 68101 / OCC Code 1101 for OPM Edit Code NSD
99000095	TAGENCY	Delete agency codes AG92, AG94, AG96, AG98, JL03
99000099	THOLIDAY	Change entries for the year 2000
99000106	TRETIR	Change year maximum deduction for all screens
99000108	TTAX	Change Colorado state tax
99000109	TTAX	Change California state tax
99000112	TNCC	Add NCC 68301
	RAPPENDG	Add NCC 68301 / OCC Code 1140 for OPM Edit Code NSD
	TOCCODE	Add OCCODE 1140
	RAPPENDI	Add occupational code 1140
99000115	TDTYSTN	Add duty station for Newburg-Warrick-Indiana
99000116	TFEHB	Delete health codes QT1, QT2
99000117	TAUTH	Add authority code R6M
	RAPPENDR	Add NOAC 312 / authority code R6M for OPM edit LTB, LOE Add NOAC 317 / authority code R6M for OPM edit LTB, LOE
99000118	TMILINT	Add year 2000 interest rate
99000119	TAGENCY	Change agency descriptions for agency codes
99000120	TCOMENT	Delete comment codes
99000121	TRETIR	Change FICA max deduction / salary, year max deduction
99000122	TEIC	Change EIC limit, earnings, addend amounts
99000123	TTAX	Change tax code 99 single / married amounts
99000125	TCOMENT	Add comment code B69
99000126	TAGENCY	Delete agency code DD18
99000127	TLOA	Add duty station for Cambridge-Middlesex-Massachusetts
99000129	TTAX	Change Maryland state tax
99000130	TTAX	Change New Mexico state tax

**\*\*\*\*\* RECORD COUNT = 21**

## **APPENDIX D**

### **INSTALLATION INSTRUCTIONS**

**NASA PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 7.5  
TABLES RELEASE 1.82  
DECEMBER 1999**

**Introduction**

Release Effective Date – December 15, 1999

Release Implementation Date - December 20, 1999

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- MSMOV.NPPS.PROD.R750.R1299.DOC
- MSMOV.NPPS.PROD.R750.R1299.SRC
- MSMOV.NPPS.PROD.R182.R1299.TBL

Physical media:  
VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

Telephone: (256) 544-6673  
E-Mail: james.joyner@msfc.nasa.gov  
Fax: (256) 544-1836

## **Installation Sequence**

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Install Data Glossary
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJX/Xerox Modifications
- 9.0 Special Instructions
- 10.0 Installation Checklist

## 1.0 BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

## 2.0 COPY SOURCE/OBJECT CODE

### 2.1 Copy Source Modules

When installing software release 7.5, load the NPPS new and modified programs from dataset MSMOV.NPPS.R750.R1299.SRC using the Natural utility NATLOAD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

#### Natural Source Modules by Type

Global Data Areas	1
Local/Param Data Areas	0
Maps	0
Help routines	0
Subroutines	0
Subprograms	1
Programs	8
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	10

## **2.2 List of Source Code Modifications**

The following is a list of all modules that were modified for the software release 7.5.

Programs	Description of programs
=====	=====
EEB001	Employee Express – Incoming Dataset
NAB418	Process W-2 Forms
NAB555	Leave and Earnings Statement
NAB6080B	Normals Recalculation
NAB818G	Report 818 Globals
NAB818	Report 818
NAB819	CAPPS Data Sort
NAO9120P	Calculate State Tax
NEB9760	Source of Funds Report
NSS001A	Check-Pay Routine for EE

RELEASE PROGRAMS (MOD) ==> 10

## **2.3 List of Source Code Additions**

Not Applicable

## **2.4 List of Source Code Deletions**

Not Applicable

## **3.0 PRE-PREDICT DATA CONVERSION**

Not Applicable

## **4.0 INSTALL PREDICT**

Not Applicable

## **5.0 INSTALL DATA GLOSSARY**

Not Applicable

## **6.0 CATALOG SOURCE CODES**

When installing software release 7.5, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. Global area NAB818G has changed, so it is necessary to catalog the globals. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

## **7.0 POST-PREDICT DATA CONVERSION**

Load NPPS tables from MSMOV.NPPS.PROD.R182.R1299.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19262 records) and NPS2-PAY-TABLES (file #230, 1453 records) using the following ADABAS ADASAV utility commands.

```
ADASAV RESTORE OVERWRITE  
ADASAV FMOVE=230,237
```

## **8.0 JCL/BJIS/Xerox MODIFICATIONS**

### **JCL**

NECAPP1

Change all LRECLs of 143 to 151 which will increase the BLKSIZE accordingly.

## **9.0 SPECIAL INSTRUCTIONS**

### **9.1 Update NPPS Release Number**

The following processes will update the NPPS software numbers:

1. Execute program TOOLVRSN from the Natural Command line.
2. When installing software release 7.5, enter "07.50" for software version number. Enter "1.82" for table version.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.



## **10.0 INSTALLATION CHECKLIST**

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJS/Xerox Modifications
- 9.0 Special Instructions